

Top 20 Chemicals with Largest TRI On-site and Off-site Disposal or Other Releases, 2002: Chemical Wholesale Distributors (SIC 5169)

CAS Number Chemical	On-site Disposal or Other Releases													Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
	On-site Disposal to Class I Underground Injection Wells,				Other On-site Disposal or Other Releases											
	Class I Wells Pounds	RCRA Subtitle C	Other On- site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundment Pounds	Other Land Disposal Pounds	Subtotal Pounds				
		Landfills Pounds					Water Discharges Pounds									
67-56-1 Methanol	0	0	0	0	57,564	155,851	0	0	0	0	0	213,415	213,415	26,909	240,324	
78-93-3 Methyl ethyl ketone	0	0	0	0	25,594	84,086	22	0	0	0	0	109,703	109,703	35,701	145,404	
108-88-3 Toluene	0	0	0	0	26,151	68,813	11	0	0	0	0	94,974	94,974	43,198	138,172	
75-45-6 Chlorodifluoromethane (HCFC-22)	0	0	0	0	76,446	45,538	0	0	0	0	0	121,984	121,984	0	121,984	
75-09-2 Dichloromethane	0	0	0	0	17,638	91,010	0	0	0	0	0	108,648	108,648	1,725	110,373	
1330-20-7 Xylene (mixed isomers)	0	0	0	0	33,291	46,690	11	0	0	0	0	79,992	79,992	5,474	85,466	
7664-41-7 Ammonia	0	0	0	0	49,984	27,276	182	0	0	0	0	77,442	77,442	2,108	79,550	
110-54-3 n-Hexane	0	0	0	0	8,991	44,611	0	0	0	0	0	53,602	53,602	2,194	55,796	
-- Glycol ethers	0	0	0	0	13,841	8,915	0	0	0	0	0	22,756	22,756	27,158	49,914	
74-85-1 Ethylene	0	0	0	0	3,818	17,177	0	0	0	0	0	20,995	20,995	0	20,995	
115-07-1 Propylene	0	0	0	0	14,417	2,654	0	0	0	0	0	17,071	17,071	0	17,071	
7664-39-3 Hydrogen fluoride	0	0	0	0	153	754	0	0	0	0	0	907	907	15,564	16,471	
108-10-1 Methyl isobutyl ketone	0	0	0	0	5,378	7,320	5	0	0	0	0	12,703	12,703	3,301	16,004	
79-01-6 Trichloroethylene	0	0	0	0	5,300	7,337	0	0	0	0	0	12,637	12,637	2,629	15,266	
7440-50-8 Copper	0	0	0	0	31	43	0	0	0	0	94	168	168	14,704	14,872	
75-69-4 Trichlorofluoromethane (CFC-11)	0	0	0	0	5,571	8,336	0	0	0	0	0	13,907	13,907	0	13,907	
75-71-8 Dichlorodifluoromethane (CFC-12)	0	0	0	0	6,323	7,018	0	0	0	0	0	13,341	13,341	0	13,341	
107-21-1 Ethylene glycol	0	0	0	0	5,400	2,270	0	0	0	0	0	7,670	7,670	5,163	12,833	
95-63-6 1,2,4-Trimethylbenzene	0	0	0	0	4,593	4,322	0	0	0	0	0	8,915	8,915	2,684	11,599	
1717-00-6 1,1-Dichloro-1-fluoroethane (HCFC-141b)	0	0	0	0	6,434	2,050	0	0	0	0	0	8,484	8,484	0	8,484	

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/tridata/index.htm#pdr](http://www.epa.gov/tri/tridata/index.htm#pdr).

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Surface Impoundments (M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

Facilities/forms are included in the manufacturing industry categories (SIC Codes 20-39) if they did not report a SIC code in the other industries. Forms that reported more than one 2-digit SIC code within the range 20 to 39 are assigned to the "multiple codes" category. Facilities/forms are included in the other industry categories if the facility/form has a SIC code in the other industries and no SIC code in 20-39. If the facility reported in any year prior to 1998 and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the manufacturing industry category. If the facility reported for the first time in 1998 or later and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the other industry category. Forms with no 2-digit SIC code are included in the "no codes" category. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2002 and previous years have been included in SIC code 10 for the purpose of this analysis.